VOLUME 166 OCTOBER 1989

CONTENTS

	page
BIRD, MARGARET M. Microtubules and their relationships with other cytoskeletal components at cholinergic tectal synapses in culture	1
HOYLE, CHARLES H. V. and BURNSTOCK, GEOFFREY. Neuronal populations in the submucous plexus of the human colon	7
HOYLE, CHARLES H. V. and BURNSTOCK, GEOFFREY. Galanin-like immunoreactivity in enteric neurons of the human colon	23
THANGAM, SARAL, INDIRANI, K. and DEVANANDAN, M. S. Differentiation of alpha and gamma motoneurons by the retrograde uptake of horseradish peroxidase	35
SPALDING, HUGH J. and HEATH, TREVOR J. Fine structure of lymph pathways in nodes from the superficial inguinal lymph centre in the pig	43
THOMPSON, T. J., OWENS, P. D. A. and WILSON, D. J. Intramembranous osteogenesis and angiogenesis in the chick embryo	55
BROWNLOW, H., WHITMORE, I. and WILLAN, P. L. T. A quantitative study of the histochemical and morphometric characteristics of the human cricopharyngeus muscle	67
CUTTS, ALISON. Sarcomere length changes in muscles of the human thigh during walking	77
ISHII, YUKIO, WATANABE, TSUYOSHI, WATANABE, MASAHIKO, HASEGAWA, SHIZUO and UCHIYAMA, YASUO. Effects of atrial natriuretic peptide on Type II alveolar epithelial cells of the rat lung. Autoradiographic and morphometric studies	85
STURROCK, R. R. Stability of neuron and glial number in the abducens nerve nucleus of the ageing mouse brain	97
TRAHAIR, J. F. and ROBINSON, P. M. Enterocyte ultrastructure and uptake of immunoglobulins in the small intestine of the neonatal lamb	103
LUNG, MARY A. and WANG, JAMES, C. C. An anatomical investigation of the nasal venous vascular bed in the dog	113
VINKKA-PUHAKKA, HELI, KEAN, MARTIN R. and HEAP, STUART W. Ultrasonic investigation of the circumoral musculature	121
NEWMAN, J. and ANTONAKOPOULOS, G. N. The fine structure of the human fetal urinary bladder. Development and maturation. A light, transmission and scanning electron microscopic study	135
FRAHER, JOHN P. Axon numbers in rat oculomotor, trochlear and abducent nerves	151

BERGE, H. VAN DEN and WIRTZ, P. Detailed morphology of the stapedius muscle of the rat. An integrated light microscopical, morphometrical, histochemical, immunohistochemical and electron microscopical study in relation to function 157

BJUGN, ROGER, BØE, ROALD and HAUGLAND, HANS K. A stereological study of the ependyma of the mouse spinal cord. With a comparative note on the choroid plexus ependyma 171

GOTTSCHALK, FRANK, KOUROSH, SOHRAB and LEVEAU, BARNEY. The functional anatomy of tensor fasciae latae and gluteus medius and minimus 179

DHARMARAJAN, A. M., BRUCE, N. W. and MEYER, G. T. Quantitative comparison of luteal histology in the rat and rabbit: changes from mid- to late gestation 191

CABRERA, B., PÁSARO, R. and DELGADO-GARCÍA, J. M. Cytoarchitectonic organisation of the abducens nucleus in the pigeon (*Columbia livia*) 203

KENT, C. and COUPLAND, R. E. Localisation of chromogranin A and B, met-enkephalin-arg^{6}-gly^{7}-leu^{8} and PGP9.5-like immunoreactivity in the developing and adult rat adrenal medulla and extra-adrenal chromaffin tissue 213

STURROCK, R. R. Age related changes in neuron number in the mouse lateral vestibular nucleus 227

DOLFI, A., BIANCHI, F., LUPETTI, M. and MICHELUCCI, S. The significance of intestinal flow in the maturing of B lymphocytes and the chicken antibody response 233

LANGE, W., DEBBAGE, P. L., BASTING, C. and GABIUS, H. J. Neoglycoprotein binding distinguishes distinct zones in the epithelia of the porcine eye 243

FUJIMOTO, E., MIKI, A. and MIZOGUTI, H. Histochemical study of the differentiation of microglial cells in the developing human cerebral hemispheres 253

BISARIA, K. K., SAXENA, R. C., BISARIA, S. D., LAKHTAKI, P. K., AGARWAL, A. K. and PREMSAGAR, I. C. ANATOMICAL NOTE. The lacrimal fossa in Indians 265

BOOK REVIEWS 269

BOOKS RECEIVED 273